

19991017.qrp v01_n611.qrl.991017

Date: Sun, 17 Oct 1999 19:03:13 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1611

QRP-L Digest 1611

Topics covered in this issue include:

- 1) [53354] Re: Homebrew Challenge
by w4pj@w4bkx.ampr.org
- 2) [53355] Help-too many digests..
by "The Hansons" <hansfam@midcoast.com>
- 3) [53356] SL Tuner question
by "Ron Giuntini" <rong@slip.net>
- 4) [53357] No K2 options yet in Montana.
by Roy <marion@montana.com>
- 5) [53358] FS:NC-40A w/ KC-1 option
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 6) [53359] Re: [NoGaQRP] FW: North Georgia QRP Club (NoGa) offers the PiG Kit
- a QRP A
ccessory ***address correction***
by Michael C Boatright <ko4wx@mindspring.com>
- 7) [53360] Pix of my Knight SMiTe
by wb2vuo@juno.com
- 8) [53361] Address for SMiTe pix!
by wb2vuo@juno.com
- 9) [53362] Test
by Daniel Bartlett <ausham@rocknet.net.au>
- 10) [53363] Re: Cyanoacrylates (Super Glue)
by "Randy Jouett" <rules@bellsouth.net>
- 11) [53364] Re: TT2 The DAH Heard Around the World Experiment
by Rick Sealey <rsealey@InfoAve.Net>
- 12) [53365] Getting Lower
by "Dan W. Dooley" <dandooley@pipeline.com>
- 13) [53366] Power Adjustments on the Icom 706
by "Dan W. Dooley" <dandooley@pipeline.com>
- 14) [53367]
by rbcallahan@juno.com
- 15) [53368] WTB Filter
by K10J <k10j@ditdit.com>
- 16) [53369] Re: Don't be a Unibomber!
by "Brian J Keegan" <brimail@home.com>
- 17) [53370] Need Opinion on Keyer: Super CMOS III
by Mark Tyler <c.mark.tyler@worldnet.att.net>
- 18) [53371] Re: 10 meter beacons

by Tom Randall <trandall@idsi.net>
19) [53372] St. Louis Updates
by "Ron Giuntini" <rong@slip.net>
20) [53373] Re: Homebrew Challenge
by "Nick Kennedy" <nkennedy@cswnet.com>
21) [53374] Re: Homebrew Challenge
by Christian Void <cvoid@netcom.com>
22) [53375] Re: St. Louis Updates
by "Bob Follett" <bfollett@ditell.com>
23) [53376] Weller Solering Irons
by chuck.olson@sbaonline.gov
24) [53377] Re: Don't be a Unibomber!
by "Robert Roach" <ke4qok@worldnet.att.net>
25) [53378] X-rays effecting radio gear?
by BenNW7DX@aol.com
26) [53379] Fw: FW: North Georgia QRP Club (NoGa) offers the PiG Kit - a QRP Accessory ***address correction***
by Bill H Ross <k6mgo@juno.com>
27) [53380] Re: Don't be a Unibomber!
by "Mike Yetsko" <myetsko@insydesw.com>
28) [53381] Re: X-rays effecting radio gear?
by "Mike Yetsko" <myetsko@insydesw.com>
29) [53382] Trade paddles?
by Roger Hightower <n7kt@earthlink.net>
30) [53383] Re: X-rays effecting radio gear?
by K10J <k10j@ditdit.com>
31) [53384] [OT] McElroy bug for sale
by "Kenneth Hopper" <n9vv@mail.hamsnet.net>
32) [53385] RE: Homebrew challenge... Computer Monitor to ...???
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
33) [53386] keys and headset for sale
by "Scott Howell" <n3byy@yahoo.com>
34) [53387] Pin diode switch ?
by James Skalski <jskalski@localnet.com>
35) [53388] feedline
by "Mark Hogan" <mhogan@email.msn.com>
36) [53389] Re: X-rays effecting radio gear?
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
37) [53390] RE: X-rays effecting radio gear?
by "Dan W. Dooley" <dandooley@pipeline.com>
38) [53391] Digi-Key
by "Dan W. Dooley" <dandooley@pipeline.com>
39) [53392] Wrangell Island
by DONROHER@aol.com
40) [53393] Re: Digi-Key
by "John J. McDonough" <jjmcd@tm.net>
41) [53394] Re: X-rays effecting radio gear?
by DONROHER@aol.com

- 42) [53395] Digi-Key address.
by K5KW@aol.com
- 43) [53396] Re: feedline
by "KC1DI" <elbc@pivot.net>
- 44) [53397] Re: X-rays effecting radio gear?
by "Nick Kennedy" <nkennedy@cswnet.com>
- 45) [53398] Re: X-rays effecting radio gear?
by "Richard Brummer, K2REB" <obvious@bestweb.net>
- 46) [53399] Re: 2N2/40 0.2uF caps, SM caps
by "Nick Kennedy" <nkennedy@cswnet.com>
- 47) [53400] Gettin new stuff
by Addi Pittman <cornea@vsta.com>
- 48) [53401] RE: X-rays effecting radio gear?
by "Dan W. Dooley" <dandooley@pipeline.com>
- 49) [53402] Re: cyanoacrylic glue
by "Al Gritzmacher " <ae2t@arrl.net>
- 50) [53403] RE: More about low cost simple rigs
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 51) [53404] Ladder Grabber
by charles k brown <n4so@juno.com>
- 52) [53405] Need Heathkit Transistors Crossed
by K2UD@aol.com
- 53) [53406] X-rays - THANKS!!!! - comments
by BenNW7DX@aol.com
- 54) [53407] Transistor Beta?
by James Skalski <jskalski@localnet.com>
- 55) [53408] Re: X-rays - THANKS!!!! - comments
by David Hinerman <dlh1009@ritvax.isc.rit.edu>

Date: Sat, 16 Oct 1999 17:28:43 EDT
From: w4pj@w4bkx.ampr.org
To: qrp-l@lehigh.edu
Subject: [53354] Re: Homebrew Challenge
Message-ID: <97722@w4bkx.ampr.org>

If you don't like dumpster diving, this competition is probably NOT for you. My elmer calls them "green department stores".

A great place to go dumpster diving is at the self-storage places on Monday at the end of the month.

de (Scott) W4PJ

P.S. I still stop and help myself to parts from older TVs found at the edge of the street - some great American made parts not found in the newer Jap sets =: ^)

Date: Sat, 16 Oct 1999 21:11:49 -0400
From: "The Hansons" <hansfam@midcoast.com>
To: <qrp-1@Lehigh.edu>
Subject: [53355] Help-too many digests..
Message-ID: <002601bf183c\$97a76e60\$dc1499d0@hansfam>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In the last ten minutes I have received TEN
digests # 1610-they just keep coming! Is there
a problem with the server????
hansfam@midcoast.com

Date: Sat, 16 Oct 1999 18:52:44 -0700
From: "Ron Giuntini" <rong@slip.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [53356] SL Tuner question
Message-ID: <000b01bf1842\$4ec1dfe0\$0ca598d1@rongiuntini>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Assembling the St. Louis Tuner...
The directions say connect the "right terminals" of the two meters
together...
Question unanswered;
Looking from the front or the back? In other words...the side nearest the
edge or nearest the middle of the panel??
Thanks in advance...Can't go further until this is made clear to me...

Date: Sat, 16 Oct 1999 20:17:01 -0600
From: Roy <marion@montana.com>
To: <elecraft@qth.net>
Cc: <qrp-1@Lehigh.EDU>
Subject: [53357] No K2 options yet in Montana.
Message-ID: <199910170224.UAA23472@mail.montana.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

No K2 options as of Saturday here in MT, and its just too dang far for me to Pacificon. :(But had a real nice day at the Bozeman, MT hamfest. Another Qrp'er N7GS, has his K2 in progress. And met Rick, KB7MPG, a qrp'er from Livingston, MT. His XYL, Wendy, built a 80mtr pixie in a Whitman sampler tin. She did an excellent job, and I hope she passed her general exam. Rick picked up a nice Oakhills 40mtr rig from N7ML, Mike Lamb of AEA fame. Don't know if Mike wants it to get around that he is a closet QRP'er. Who needs Pacificon, lots of ORP fun here in Montana! :) 72/73 Roy AB7CE

Date: Sat, 16 Oct 1999 23:13:16 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [53358] FS:NC-40A w/ KC-1 option
Message-ID: <199910162316_MC2-893A-C33D@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
charset=us-ascii
Content-Disposition: inline

Gang:

Just gotta let it go. This NC-40a w/keyer is a terrific rig and a proven FOX hunter. Exquisitely built and perfect in every way. But it is excess here and needs a good home where it can run and chase FOXes, or maybe go on wilderness or mountain climbing outings :-).

Only \$145.00 shipped UPS insured to CONUS. Includes all documentation.

72,
--Doc Lindsey/K0EVZ
DSBF
PO BOX 6028
Bismarck, ND 58506
70511.3041@compuserve.com

Date: Sun, 17 Oct 1999 00:33:39 -0400
From: Michael C Boatright <ko4wx@mindspring.com>
To: Sam Billingsley <SBillingsley@usaninc.com>
Cc: "Qrp1_Submit (E-mail)" <qrp-l@Lehigh.EDU>, "klqrp_submit (E-mail)"

<klqrp@waterw.com>, "_AAAA_NOGA_onlist (E-mail)" <nogaqrp@qth.net>
Subject: [53359] Re: [NoGaQRP] FW: North Georgia QRP Club (NoGa) offers the PiG
Kit - a QRP A

ccessory ***address correction***
Message-ID: <380951A2.DCF54A71@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Kit order info fixed on NOGA homepage...

Sam Billingsley wrote:

> I have been advised that Ken Evans W4DU order mailing address in the kit
> announcement is incorrect. The city and zip were wrong. It should be:
>
> Send check or M.O. (in US funds, written against a major US bank) made out
> to "Ken Evans, W4DU" and send to:
> Ken Evans,W4DU
> 848 Valbrook Ct.
> Lilburn, GA 30047
>
> (To insure faster handling please include Self Addressed Mailing Label)
>
> BTW as present the web page info is also incorrect but will be changed this
> weekend.
>
> Sorry about the error.
>
> Sam Billingsley AE4GX
>
> >>>>snip>>>>
>
> > Information on the NoGaPig can be found on the North Georgia QRP website
> > <http://www.qsl.net/nogaqrp/> under the Club Projects Section. NoGaQRP Club
> > and/or ARCI will be placing the full QQ article on the web soon. We will
> > be adding webpage sections to discuss the optional sections to the PC
> > board including a PIC keyer and Audio/HISS filter. If all components of
> > this board are populated you will have an integrated power, keyer, and
> > headphone capability. The complete unit is ideal for the low-end QRP rigs
> > and older classic rigs that don't have these features built-in (ie Heath
> > HW series and the early TT QRP rigs) and even those new more expensive
> > rigs that you like to give additional protection.
> >
> > Several PiG units have been shipped to date and Jim Stafford W4QO will
> > have 50 kits with him at Pacificon.
> >
> > So..... "Don't BBQ your Rig Use the Pig"

> >
> >>>snip>>>
>
> ---
> Submissions nogaqrp@qth.net -- To unsubscribe, send majordomo@qth.net a msg.
Put "unsubscribe nogaqrp" in body.

--
Mike Boatright, K04WX
District EC, GEMA, Amateur Radio Emergency Service

A rock pile ceases to be a rock pile the moment a single man
contemplates it, bearing within him the image of a cathedral.
Antoine de Saint-Exupery

Date: Sun, 17 Oct 1999 01:16:15 -0400
From: wb2vuo@juno.com
To: qrp-l@lehigh.edu
Subject: [53360] Pix of my Knight SMiTe
Message-ID: <19991017.012208.-119455.0.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I built a couple of the KnightSMiTes last winter, and just got a homepage
up & running today,

Check out the pictures on the bottom of the page. The page is crude, but
it's a first attempt at a page. here.

The SMiTe is in an Altoids tin (of course!)

72/73, Keith, WB2VU0, 100% QRP from the Depths of the Great Bergen Swamp
My night light runs more power than my Rig!!!

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 17 Oct 1999 01:32:02 -0400
From: wb2vuo@juno.com

To: qrp-1@lehigh.edu
Subject: [53361] Address for SMiTe pix!
Message-ID: <19991017.013204.-119455.2.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Chalk it up to the 0130 local hour!

The new homepage address is:

<http://www.frontiernet.net/~wb2vuo/>

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
My night light runs more power than my Rig!!!

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 17 Oct 1999 16:16:22 +1000
From: Daniel Bartlett <ausham@rocknet.net.au>
To: qrp-1@lehigh.edu
Subject: [53362] Test
Message-ID: <3.0.5.32.19991017161622.007b3890@rocknet.net.au>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

- -

Test - Please Ignore.

73 es 72 de Daniel Bartlett, VK4HDB
<http://www.qsl.net/vk4hdb/index.htm>
ausham@rocknet.net.au
Founder of ARPR Australia - <http://arpr.8m.com>
1 Goodson Rd, Bouldercombe, Queensland 4702, AUSTRALIA
+61 07 4934 0389
QRP-L #2002

Date: Sun, 17 Oct 1999 04:38:50 -0500

From: "Randy Jouett" <rules@bellsouth.net>
To: <wb5rue@stic.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [53363] Re: Cyanoacrylates (Super Glue)
Message-ID: <00f101bf1884\$09eba0d0\$3b094ed8@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Kevin Muenzler WB5RUE <wb5rue@stic.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Saturday, October 16, 1999 12:35 PM
Subject: RE: Cyanoacrylates (Super Glue)

Hi Kevin,

> They do contain the cyanide radical but to not decompose to a form of
> "cyanide" that is toxic. May of the enzymes in our body contain the cyanide
> radical.

Hmmm. I see that you mentioned decomposition. I wonder if
vaporization, like we're doing when we accidentally burn the stuff,
would make a difference? Let's hope not.

72/73,

Randy Jouett, AB5NI

Date: Sun, 17 Oct 1999 07:40:30 -0400
From: Rick Sealey <rsealey@InfoAve.Net>
To: qrp-1@lehigh.edu
Subject: [53364] Re: TT2 The DAH Heard Around the World Experiment
Message-ID: <4.1.19991017073935.0094f9f0@mail.infoave.net>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

At 06:10 PM 10/15/1999 -0600, you wrote:

>If someone at Pacificon is reading this, how about organizing the

>TT2ers to send one long DAH say about 5 sec, on the same frequency,
>all at the same time. Post the time to QRP-L. The rest of us will
>listen for it, then report to the list, to see how far away it was
>heard.

>

>

>---

>72/3 Rod, NØRC

>da di dah

Yeah, but don't forget to ID!

Rick - W4SEA

Date: Sun, 17 Oct 1999 07:23:54 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: "QRP List 2" <qrp-l@Lehigh.EDU>
Subject: [53365] Getting Lower
Message-ID: <000001bf189a\$7a2f1780\$04987b7b@dooleydw>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wanting to jump the gun and get into the QRP game before I actually get
ahold of a dedicated QRP rig, I turned the power down on my Drake T-4XB
transmitter to about 4 watts on CW. That worked ok. I made a couple of
contacts on a couple of bands. Yesterday I said, "what the heck!" and
turned it down further to one watt. Made a nice contact on 15 with a dipole
about 10 feet above the roof to W8VA (a club station with Roger at the key)
in Huntington, WV. Gave me a 569. 'Course he was booming in to me at about
20 over 9. I'll bet that qualifies as 599 sent to him. He was running more
power though.

Anyhow, not any sort of record, but at least I can play the game until I get
ahold of and build one of those nifty kits.

Next activity: My Icom 706 is set up in the "L" power position. That reads
about 3/4 watt on most bands. On 30, it measures 1 watt and on 80, 1.5
watt. This is for PSK31. I'm ready!

Dan W. Dooley WB5TKA
e-mail to: dandooley@pipeline.com

Date: Sun, 17 Oct 1999 07:46:54 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: "QRP List 2" <qrp-l@Lehigh.EDU>
Subject: [53366] Power Adjustments on the Icom 706
Message-ID: <000101bf189d\$b0b139c0\$04987b7b@dooleydw>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've noticed that in the various power setting positions on the 706 (I wonder how this applies to other radios), there is some variability (range) to the adjustment. The power change mode offers a set of numbers from H, 9 - 1, and L. In positions 9 - 1, as I'm moving the knob, the power will actually change by some degree before moving to the next number. For instance in the 1 position, power ranges from about 2 watts up to about 4, I believe. In the L position however, it is constant, differing only by band and is about 3/4 watt.

I do not have a permanent wattmeter behind the Icom. My only wattmeter (I know what I need to add to the shack next!) is normally hooked up to my Drake, where I need it for proper transmitter tuning indication. So to measure from the 706, I "borrow" the wattmeter for the measurement task. Anyhow, if I use any of the other power settings, if I change the power setting, I'm not always sure of the output power. So, now that I know this I'll leave it at the "L" position.

Hey, 3/4 watt is better anyhow. Right?

BTW, the power measurements are made in PSK31 mode. Next project is to get a key hooked up to the radio and check it in CW mode.

Dan W. Dooley WB5TKA
e-mail to: dandooley@pipeline.com

Date: Sun, 17 Oct 1999 07:54:01 -0500
From: rbcallahan@juno.com
To: Qrp-L@Lehigh.EDU
Message-ID: <19991017.075402.-1579793.0.rbcallahan@juno.com>

MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hello gang,

Tossing around the idea of selling my Sierra: Built it about a year ago and have the 20, 30 and 40 meter band modules. Performed a mod to the PA by installing a NTE 342 and a 2n3866 for the driver. Will produce near 5 watts on 40 and about 4 and a half on 20 meters. VFO is rock solid after I replaced a Silver mica supplied with the kit for a Polystyrene. By the way, use only Polystyrene or NPO caps for RC type VFO's please!

I'm tossing the idea around because I want the DSW radios. I will post later on a price for the while set up...

Thanks,

KC5T #1792
Robert B. Callahan

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 17 Oct 1999 08:30:10 -0500
From: K10J <k10j@ditdit.com>
To: TDXS List <tdxs-list@moonbounce.n5iq.org>, QRP-L Discussion <qrp-l@Lehigh.EDU>, NARS <nars@onelist.com>
Subject: [53368] WTB Filter
Message-ID: <000b01bf18a3\$bc8609a0\$3cb83ed8@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Howdy All...

I am looking for a Kenwood YK-88SN, 1.8khz filter to install in my QRP, TS-130V, rig. Please contact me direct. k10j@ditdit.com

TU

OJ---K10J

dit dit

..

Date: Sun, 17 Oct 1999 09:37:24 -0400
From: "Brian J Keegan" <brimail@home.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [53369] Re: Don't be a Unibomber!
Message-ID: <002201bf18a4\$c095a900\$12960318@vtron1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I live in a town near where the Unibomber's last victim was murdered. A few weeks ago a person who would be stereotyped as "a biker type" (long hair, tattoos, etc.) brought a package to the post office of an upper class neighboring town. The package was weighed, stamped and paid for. As the clerk was walking the package over to the bin she noticed the return address said only Ted Kozenski (sp?). She immediately walked it out to the loading dock and called the police. The police called in the county bomb squad who X-rayed the package and saw batteries and wires. The area was evacuated and the package was blown apart by using a high powered water gun. They did find wire and batteries among the debris along with other items that could not possibly be construed as being parts of a bomb. It was decided this guy was probably playing a prank on a friend. Fortunate for him he didn't put his return address on the package.

Brian KF2HC

Date: Sun, 17 Oct 1999 08:48:34 -0500
From: Mark Tyler <c.mark.tyler@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [53370] Need Opinion on Keyer: Super CMOS III
Message-ID: <3809D3B2.6A16EA78@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I use the SuperCMOS III as my keyer mobile.
It is housed in a plastic box.. Metal gets too hot in Texas.
(The original design sent the oscillator signal down the key line.. an S9 signal on 20M.) Fixed opto isolator.
Sidetone audio to speaker too weak - Fixed added additional transistor.

Memory switches - I wanted to re layout the board and add pushbutton switches on the back side of board. - used auxillary pc board to mount switches.

The keyer has been used mobile for four years.

K5GQ/m
Mark

Date: Sun, 17 Oct 1999 10:02:10 -0400
From: Tom Randall <trandall@idsi.net>
To: qrp-l@Lehigh.EDU
Subject: [53371] Re: 10 meter beacons
Message-ID: <199910171402.KAA21674@pop.idsi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hap wrote:

"Can someone point me to a list of 10 meter beacons?
Just bought a 10 meter rig. Man, it's WILD up there."

Hi Hap,
Go here for the list!

<http://listserv.lehigh.edu/lists/tenten-l/beacons.html>

73,
Tom

Tom Randall -- tprandall@idsi.net (Remove the "P" to e-mail me)
Amateur Radio - KB2SMS
Mt. Beacon Amateur Radio Club / ARRL / 10-10 / QRP-L #1965
Member: AAVSO Solar Division

My Astronomy/Ham radio site: <http://www1.mhv.net/~trandall/welcome.html>

Date: Sun, 17 Oct 1999 07:19:37 -0700
From: "Ron Giuntini" <rong@slip.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [53372] St. Louis Updates
Message-ID: <002701bf18aa\$a58c3740\$18a598d1@rongiuntini>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ok, guys, here is another one..

I am building the SLT, and the updates have me confused. (It happens.)

How to make this simple?

S2...are lug 1 AND lug 12 BOTH supposed to be connected to the center lug and the capacitor grounds? That is what the updates seem to be saying, but that does not sound right.

I am trying to do the updates so that the switch increases inductance as it is turned cw...

The updates say "solder a wire from lug 12 to the center lug wire."

Update #5

then they say "connect and solder (the lug one wire) to the (ground of) the two caps." Update #6

If I do this, both lug one, lug twelve, and the center lug are all going to the ground of the two caps...Somehow this does not sound right...

I read and re-read the updates, and it is not clear at all. ; Updates say;

"This means lug 1, not 12 is connected to the capacitor frames. The 4" wire is ALREADY soldered to lug 1, so just shape it right, and connect & solder to the wire between the two caps."

But if you read above, you see that the updates say to connect BOTH lug one, lug twelve, and the center lug to the ground of the caps....

Can anybody clarify or correct me on this? I know it is confusing to read, and that is the problem...the two updates conflict. Seems either lug one or lug twelve is NOT supposed to be connected to this ground wire from the center lug to the cap ground.

Anyway, the kit looks good. I know you guys have completed it using these mods...Maybe I am missing something...

Ron

Date: Sun, 17 Oct 1999 09:13:40 -0500

From: "Nick Kennedy" <nkennedy@cswnet.com>
To: <kd1jv@moose.ncia.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [53373] Re: Homebrew Challenge
Message-ID: <002301bf18a9\$d07f3340\$0a7154d8@the-great-c>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Seems like I'd heard somewhere that there's some sort of core around the yoke that could be useful. My son's monitor recently failed, so I've attempted to remove that thing (the core, not my son). It's been interesting, as there are a bunch of windings glued to it with some serious glue. The core is a big, bell-shaped thing. Is it actually useful as a toroid core or something?

72,

Nick, WA5BDU

-----Original Message-----

From: Steven Weber <kd1jv@moose.ncia.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Saturday, October 16, 1999 3:21 PM
Subject: Re: Homebrew Challenge

>> The challenge is to build useful radio equipment based wholly or
>> substantially on the components that can be found in an old
>> computer monitor.

>>

>72,

>Steve, KD1JV in the white Mountains of New Hampshire

>"melt solder"

>

Date: Sun, 17 Oct 1999 07:34:00 -0700 (PDT)
From: Christian Void <cvoid@netcom.com>
To: qrp-1@lehigh.edu
Subject: [53374] Re: Homebrew Challenge
Message-ID: <Pine.3.89.9910170733.A16816-0100000@netcom8.netcom.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 16 Oct 1999 w4pj@w4bkx.ampr.org wrote:

> If you don't like dumpster diving, this competition is probably NOT for
> you. My elmer calls them "green department stores".

fifteen years ago we used to do this two maybe three times a week. it helps when you are in the middle of silicon valley. you'd be amazed at the kind of stuff we'd pull out of cans. found a beam splitter once, a rather large one too, as well as all kinds of overruns on components, printers, monitors, keyboards, found over 1000 wall warts once. a local surplus shop gave us 5 cents each for them. you could find just about any kind of gear, televideo terminals, etc. oh, and lots and lots and LOTS of bell wire. usefule for antennas. :)

Date: Sun, 17 Oct 1999 09:02:13 -0600
From: "Bob Follett" <bfollett@ditell.com>
To: <rong@slip.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [53375] Re: St. Louis Updates
Message-ID: <010101bf18b0\$99ecb1c0\$2f37b3cf@bfollett>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ron:

<<"This means lug 1, not 12 is connected to the capacitor frames. The 4" wire is ALREADY soldered to lug 1, so just shape it right, and connect & solder to the wire between the two caps.">>

Probably my crappy writing....Sorry.

Assuming Lug 1 goes to the cap frames -- one end has to :-), then ground the other end of the inductor. The reason for the confusion is that the SL folk grounded the remote end of the inductor, and Doug, in the NorCal design, did not. Debate ensued...

The concensis is that the far end -- lug 12, should be grounded, along with the center of the switch.

If that clears that issue up, here are a couple more:

The switch in the back for bal or unbal makes more sense if you run the

wires to the two outer positions to the opposite sides the plans indicate. (assuming you have enough wire) -- then, when the s/w toggle points toward the un-bal side, it is in the un-bal position. Stock, its backwards -- but in the end, its just a labeling thing.

Second: very important. Make sure to ground the SWR board to the chassis directly from the ground side of the dummy load. If you look at the traces on the bottom of the board, you will see the ground 'snakes' its way across the board to the single grounding point. NO good! SWR won't go to zero. Just run a wire from the grounded side of those big resistors to the nearest ground post, or do as I did, just add a solder lug that fits over the screw hole for the metal standoff. Then solder the small end to the PCB trace next to it which is the ground line.

Hope this helps -- Bob

Bob Follett AB7ST - Ex WA7FCU
3133 American Saddler Drive (435) 649 6457
Park City, UT 84060

Date: Sun, 17 Oct 99 11:08:00 -0400
From: chuck.olson@sbaonline.gov
To: qrp-1@lehigh.edu
Subject: [53376] Weller Solering Irons
Message-ID: <9910171108.A3899wk@sbaonline.gov>
Content-Type: text

I got a sale flyer on Saturday (effective through 10/31/99) from @ONCE (800 765 6268) which is a division of the distributor, Marshall Industries. They had a bunch of Weller irons on sale. The highly touted WTCPT (P/N CT-WTCPT) is priced at \$74.99, the PT Series tips sell for \$2.49.

But they also had another Weller iron with a variable temperature dial (from 350 to 850 degrees F), a slimmer handle, ESD safe, 99 minute inactivity turnoff and 50 watt rating. This sells for \$84.95 (P/N CT-WES50). The soldering stand and sponge apparently isn't included, it costs \$11.50 (P/N CT-PH50).

Does anyone have any experience with this Weller WES50 soldering station? It sounds like a pretty nice unit.

Best Regards,

Chuck Olson, WB9KZY
Jackson Harbor Press - <http://jacksonharbor.home.att.net>

Date: Sun, 17 Oct 1999 11:28:21 -0400
From: "Robert Roach" <ke4qok@worldnet.att.net>
To: <brimail@home.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [53377] Re: Don't be a Unibomber!
Message-ID: <007b01bf18b4\$400df660\$83414d0c@ke4qok>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

As they same at the airport no guns, no knives, no bomb, NO JOKES. I know that in the airport they WILL arrest and charge you even for an obviously joking statement.

I strongly advise people to be very professional and consider what they say very careful even when not carrying suspicious looking ham gear and the like.

Remember while you are hurrying to pull your latest homebrew project out of your luggage to show him that it is harmless he is VERY anxious for you to leave it in there till he KNOWS what it is.

Bob
KE4QOK

----- Original Message -----

> I live in a town near where the Unibomber's last victim was murdered. A few

> weeks ago a person who would be stereotyped as "a biker type"

> clerk was walking the package over to the bin she noticed the return address

> said only Ted Kozenski (sp?). She immediately walked it out to the loading dock and called the police. The police called in the county bomb squad who X-rayed the package and saw batteries and wires. The area was evacuated and

> possibly be construed as being parts of a bomb. It was decided this guy was

> probably playing a prank on a friend. Fortunate for him he didn't put his return address on the package

Date: Sun, 17 Oct 1999 11:48:31 EDT
From: BenNW7DX@aol.com
To: qrp-l@lehigh.edu
Subject: [53378] X-rays effecting radio gear?
Message-ID: <0.dea1d171.253b49cf@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hello,

I was fingering through an old QST and saw an article on a small transmitter. They showed the complete project after it was done and I noticed one of the labels said "DO NOT X-RAY" I know your equipment probably won't be x-rayed to much :) But lets say you were at an air port or something and you wanted to keep your radio gear with you in a backpack or other bag, On the plane with you and You have to have all your bags x-rayed. Does this hurt anything inside the rig? I'm guessing it doesn't because I have seen laptop computers go through these machines, but I am kind of wondering because of the radio in this article.

Thanks a lot,
Ben
NW7DX

Date: Sun, 17 Oct 1999 09:35:12 -0700
From: Bill H Ross <k6mgo@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [53379] Fw: FW: North Georgia QRP Club (NoGa) offers the PiG Kit - a QRP Accessory ***address correction***
Message-ID: <19991017.093512.-324981.0.k6mgo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

This will teach me to "jump the gun", I already sent in my order and check to the first address.
Oh well, it will be interesting to see what happens. In the old days the odds were better than even that the post office would figure out the correct address and forward it to it. Now days, with the people that they have working there, I'm not too sure that will happen.
I guess we can only hope that it will come back to me and not get lost.
Only time will tell.

73

Bill, K6MGO

----- Forwarded message -----

From: Sam Billingsley <SBillingsley@usaninc.com>

I have been advised that Ken Evans W4DU order mailing address in the kit announcement is incorrect. The city and zip were wrong. It should be:

Date: Sun, 17 Oct 1999 12:33:42 -0400

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <ke4qok@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [53380] Re: Don't be a Unibomber!

Message-ID: <002e01bf18bd\$763f2ac0\$8b12fea9@dads-hp>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

>As they same at the airport no guns, no knives, no bomb, NO JOKES. I know
>that in the airport they WILL arrest and charge you even for an obviously
>joking statement.

I had a friend who was flying cross country, and checked his 45 auto. Well, the airlines have the right to inspect and make sure it's unloaded. The girl at the counter wanted to 'verify' that, so he took it out, pulled the slide back, locked it, and showed her. She nodded thanks, so he held it 'up' to let the slide drop and then drop the hammer. The clerk 2 over evidently wasn't paying attention, and happened to spot events just as he dropped the slide....

MikeYetsko
N1DVJ

Date: Sun, 17 Oct 1999 12:39:15 -0400

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <BenNW7DX@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [53381] Re: X-rays effecting radio gear?
Message-ID: <003501bf18be\$27b83620\$8b12fea9@dads-hp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I was fingering through an old QST and saw an article on a small
>transmitter. They showed the complete project after it was done and I
>noticed one of the labels said "DO NOT X-RAY" I know your equipment
>probably won't be x-rayed to much :) But lets say you were at an air port
or
>something and you wanted to keep your radio gear with you in a backpack or
>other bag, On the plane with you and You have to have all your bags
x-rayed.
>Does this hurt anything inside the rig? I'm guessing it doesn't because I
>have seen laptop computers go through these machines, but I am kind of
>wondering because of the radio in this article.
>
>Thanks a lot,
>Ben
>NW7DX

There are tons of 'opinions' on this. But mine is that modern
X-ray equipment a lot more sensitive and as a result less
prone to do damage in the first place. Secondly, parts are
a lot more robust nowadays.

ALLEGEDLY an X-Ray could ionize a discharge path through
an EPROM or a FLASH part, but the likelihood is pretty
small. (A friend who works in the nuclear medicine field told
me he heard he could erase the OTP PROMs with his
equipment!)

I suppose the part could be susecptible. Or if you had a part
that was 'programmed' it might be more susceptible than
standard parts, but I've never heard of it happening with things
like laptops or PCMCIA cards.

Mike Yetsko
N1DVJ

Date: Sun, 17 Oct 1999 09:50:53 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [53382] Trade paddles?
Message-ID: <38099BFD.8AD52219@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have an R. A. Kent single paddle that I don't use. Very good shape.
I'd like to trade for a vibroplex brass racer if anyone is interested.

You can see info on the Kent at <http://www.alphadeltacom.com>.

Pse reply off-list.

Tnx/72..Roger

--

73, de Roger, N7KT
qrp-l #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Sun, 17 Oct 1999 11:57:00 -0500
From: K10J <k10j@ditdit.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [53383] Re: X-rays effecting radio gear?
Message-ID: <002c01bf18c0\$a14f9d00\$3cb83ed8@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Howdy...

I agree with Mike. Xray equipment these days is much more sensitive and therefore the amount of xray used is much lower,(not quite QRP yet!). The fact is that you probably receive a higher dose of xray from the atmosphere in a non-stop flight from NY to CA than you get when having a simple chest xray! The units used at airports are even pretty safe for camera film, except the really high ASA speedy stuff. I routinely throw my digital dvm and other test equipment up on the xray table and xray them when I need a quick look at the images for evaluation. I have even used laptops, pocket calculators, and phone indexes. I have never damaged anything with the equipment. If there is something in the rig that can be damaged by xrays, then I would be even more concerned about other forms of radiation such as RF or static. It would be interesting to hear from the designer/manufacturer concerning this statement.

OJ---K10J
dit dit
..

Date: Sun, 17 Oct 99 12:01:19 CST
From: "Kenneth Hopper" <n9vv@mail.hamsnet.net>
To: =?ISO-8859-1?Q?"QRP"=A0<QRP-L@Lehigh.Edu>?=
Subject: [53384] [OT] McElroy bug for sale
Message-ID: <199910171201.SM00210@mail.hamsnet.net>

Anyone know what my McElroy Bug is worth?

Pictures on website: <http://www.qsl.net/n9vv/mcelroy.html>

TNX,
Ken N9VV

Date: Sun, 17 Oct 1999 12:47:11 -0400
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etcasa.cu>
To: "qrp-L" <qrp-l@LeHigh.edu>
Subject: [53385] RE: Homebrew challenge... Computer Monitor to ...???
Message-ID: <000201bf18c2\$60bbb6a0\$04000a0a@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This is yet another good idea coming from the
multi-tasking neurones of QRP-L group members...
Maybe you can add some "variations" like"

1. Your proposal ... old retired computer monitor
 - a) monochrome
 - b) CGA color
 - c) VGA color
2. VCR
3. XT or similar generation computer

I can assure you that with the parts "inside" a color
monitor you can certainly build from a crystal radio
to a simple transceiver + the antenna, if you care to
unwind the deflection yoke !!!
Yes, it is going to be a lot of fun

Let's do it !!!

72 and start looking for the retired computer monitor !

Arnie

C02KK

e-mail:arnie@radiohc.org

e-mail:inforhc@mail.infocom.etecsa.cu

Postal address:

Prof. Arnaldo Coro Antich

La Torre no.127 entre 35 y 37

Nuevo Vedado, Plaza

Ciudad Habana , 10600

CUBA

Date: Sun, 17 Oct 1999 13:37:51 -0400

From: "Scott Howell" <n3bby@yahoo.com>

To: <qrp-1@lehigh.edu>

Subject: [53386] keys and headset for sale

Message-ID: <006301bf18c6\$91ebbc80\$a961b683@HQ.NASA.GOV>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

well, got a few items here I just don't need.

Kenwood HS5 headset in excellent working condx with a slight dent in the left ear piece. I think they are very nice cans, but just aren't comfortable enough for my sensitive ears.<g>

So, \$40 shipped to your door.

Next is a Vibroplex deluxe chrome keyer. This is in excellent condition and hardly used at all. I would really like to trade it for a bug that is in very good condx as well.

THIS is a single lever paddle and is serial nr 63346. If no takers on trade for a bug, make me an offer. The key sells new for about \$175 I believe.

Lastly I have a Nye Master key which is new. I thought it would make a great everyday key, but well truthfully for me the Chinese military key I've been using is best.

So, I have original box etc. for the key and also the headphones.

I'll sell the key for \$65 including shipping or best offer. I got the key only a few months back so its seen little use.

tnx

73 de Scott/n3byy
Laurel MD
Fists #5030 . Qrp-1 #1689
for immediate response, send mail to n3byy@amsat.org

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Sun, 17 Oct 1999 13:50:46 -0400 (EDT)
From: James Skalski <jskalski@localnet.com>
To: qrp-1@Lehigh.EDU
Subject: [53387] Pin diode switch ?
Message-ID:
<Pine.LNX.4.04.9910171344270.5057-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I want to use a quarter-wave antenna switch using pin diodes on 6 meters.
I found a description of one in the 22nd edition of the Radio Handbook.
The question is... which pin diode should I use for 10 watts. Do you think
that the MPN-3404 listed by DAN's would be a reasonable choice?
Or would most any diode suffice?

73,

Jim n2go

Date: Sun, 17 Oct 1999 13:40:20 -0500
From: "Mark Hogan" <mhogan@email.msn.com>
To: "Low Power" <qrp-1@Lehigh.EDU>
Subject: [53388] feedline
Message-ID: <00b401bf18cf\$11f92220\$31111b3f@compaq>

Background

Antenna is a 66' dipole up 33 feet fed with rg 58x and a W2AU balun. It was
installed in 1988.

So, during the last two AR-QRP nets that I was able to check in, I had tuned

the antenna and had a radical jump in swr during the net. During one net the rx went dead, I had to retune to a completely different setting for a match...

so I finally realized my rg58 and w2au balun were causing my problems with my antenna, plus the fact that I use the same antenna for all bands, and I've been told for years I need to use balanced line to do this...

I could not find any ladder line in town, so I used some 300 ohm "super low loss tv twin lead cable" they were out of the 100 foot rolls of the cheap stuff, (darn).

I've been able to achieve good swr on all bands and am just wondering what is a safe power level on this 20 ga feed line.

If I can run 100 watts, (my max available) I can wait till summer to replace it with ladder line. If not I need to place an order soon as I occasionally use the 100 watts to ssb with my mom and dad in Jersey (both hams)

Any ideas or opinions appreciated.

BTW the rx is way up on all bands since I did this, 20 sounds great, I'm looking to hook up the NC-20 now.

Mark Hogan / N50BC

SST / 38s - Speed-X Bug NC-20 - Norcal Paddle

Bet ya never heard a bug go so slow.....

Date: Sun, 17 Oct 1999 14:38:22 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [53389] Re: X-rays effecting radio gear?
Message-ID: <380A179E.5F3FE32F@rit.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

BenNW7DX@aol.com wrote:

> I was fingering through an old QST and saw an article on a small
> transmitter. They showed the complete project after it was done and I

> noticed one of the labels said "DO NOT X-RAY" I know your equipment
> probably won't be x-rayed to much :) But lets say you were at an air port or
> something and you wanted to keep your radio gear with you in a backpack or
> other bag, On the plane with you and You have to have all your bags x-rayed.
> Does this hurt anything inside the rig? I'm guessing it doesn't because I
> have seen laptop computers go through these machines, but I am kind of
> wondering because of the radio in this article.

Ben,

X-rays can potentially erase EPROM memory, but the levels used in
airport machines are pretty low. I've had EPROMs in my carry-on bags
that survived to tell the tale.

HOWEVER - if you want to be sure nothing is damaged by X-rays, you may
request a hand search rather than submit your bags to the machine. One
of the guards will take your bag to the table where they pull over
suspicious characters, and you'll be instructed to open it and let them
view the contents. I've done it with electronics and film.

Dave

--

Dave Hinerman WD8CIV
Ontario, NY Grid FN13if
dlh1009@rit.edu

Date: Sun, 17 Oct 1999 13:41:56 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <dlh1009@ritvax.isc.rit.edu>, "Low Power Amateur Radio Discussion" <qrp-
1@Lehigh.EDU>
Subject: [53390] RE: X-rays effecting radio gear?
Message-ID: <000601bf18cf\$49e36740\$04987b7b@dooledydw>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Suspicious characters, heh?

I'd like to think the pull-overs are very random. God! I hope I don't look
like a suspicious character. My bag gets swabbed about 1 out of 5 passes
through the checkpoint.

Years ago, at one small airport (some) I had to find a small screwdriver and
remove the top cover off of my Icom 22S since I had no way of plugging it in
to turn on for the guy. No battery. Good thing I was not running late for

my plane.

Dan WB5TKA

> of the guards will take your bag to the table where they pull over
> suspicious characters, and you'll be instructed to open it and let them
> view the contents. I've done it with electronics and film.

Date: Sun, 17 Oct 1999 13:44:08 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: "QRP List 2" <qrp-l@Lehigh.EDU>
Subject: [53391] Digi-Key
Message-ID: <000701bf18cf\$988652e0\$04987b7b@dooleydw>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This may have been posted before. Sorry for any duplication. Anyone know the address of Digi-Key? I need to get a parts catalogue. Do they have a Web site? I'll bet they do.

Dan W. Dooley WB5TKA
e-mail to: dandooley@pipeline.com

Date: Sun, 17 Oct 1999 15:07:06 EDT
From: DONROHER@aol.com
To: QRP-L@lehigh.edu
Subject: [53392] Wrangell Island
Message-ID: <0.7cef24f8.253b785a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

This has been a good year....

I will be able to return one last time, I am going back for the CQ WW DX phone Contest and as an IOTA (Islands on the Air, NA-041, The Alexander Archipelago).

I will be working the CQ WW DX contest as a single band, 100 watts at 28.440+/-.

If there are any requests I will work QRP evenings on the 40 meter freq of 7.140+/-, as in the July and September trips. To give those on the East Coast who don't like to stay up all night, I will start 06:05 PM Alaska time. I will get the Z time for a post next week when we have all the dates and times firmed up.

There were a few who were grumpy with me for not working QRP during the unannounced October trip. We will be on the air from 0000z 30 October until 2400z 07 November 99.

This was not a planned trip, but with 10 meters being open, we put a team together and are heading north, for the fun of it, however this will be the last trip this year.

Some have asked how the SG-2020 radios worked. We were very impressed. They were very easy on our batteries and we did not have to charge near as often. We only have two faults, a loud pop in the head sets as the SCRF goes below 1000 Hz, and the noise blanker gives a cw signal an off tone. They pack easy and are a joy to pack in and carry on an airplane and boat. We plan to use them on this trip also.

Date: Sun, 17 Oct 1999 15:08:30 -0400
From: "John J. McDonough" <jjmcd@tm.net>
To: <dandooley@pipeline.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [53393] Re: Digi-Key
Message-ID: <002401bf18d3\$01c643c0\$010044c0@conor-mac-nessa>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Dan W. Dooley <dandooley@pipeline.com>

>This may have been posted before. Sorry for any duplication. Anyone know
>the address of Digi-Key? I need to get a parts catalogue. Do they have a
>Web site? I'll bet they do.

<http://www.digikey.com>

They have the complete catalog online, you can order online or by phone, and once you order something, they will bombard you with dead-tree catalogs.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr/>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 17 Oct 1999 15:24:38 EDT
From: DONROHER@aol.com
To: dandooley@pipeline.com, qrp-l@lehigh.edu
Subject: [53394] Re: X-rays effecting radio gear?
Message-ID: <0.655c7cff.253b7c76@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

When flying with radio gear, tell the screener that you are a licensed amateur and your bag contains radio gear. This alerts them to what it might be....

The new generation screening equipment can look inside a single layer metal case. This means that if you pack your gear in one layer, no pieces on top of others they can see the outline of the boards and components. They also check for density of the objects.

Being with the FAA I identify my equipment and tell the screener that this is not a test. It is common for FAA Airport Types to ask a person to Carry a test bag through screening.

You would love this bag, it contains what looks like dirty underwear, old socks and other embarrassing items, but also a small hand gun encapsulated in plastic or some of the capsules contain cartridges, knives and other dangerous appearing items.

I have never had any adverse effects with my equipment being "X-rayed" (a misnomer in today's advanced equipment). I have flown with several different micro processor controlled rigs and key'ers.

Date: Sun, 17 Oct 1999 15:25:56 EDT
From: K5KW@aol.com
To: qrp-l@lehigh.edu
Subject: [53395] Digi-Key address.
Message-ID: <0.fbbac943.253b7cc4@aol.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Dan:

The URL for Digi-key is www.digi-key.com and they do have an electronic catalog at the site. Or, you can order their printed catalog, as well. Their address and phone numbers are on their web site home page.

72,

Don, K5KW

Date: Sun, 17 Oct 1999 15:45:20 -0400
From: "KC1DI" <elbc@pivot.net>
To: <mhogan@email.msn.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [53396] Re: feedline
Message-ID: <002501bf18d8\$27499700\$1e11a1d0@mine1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

hi Mark,
The 300 ohm stuff should handle your 100watts ok, But you'll see better alround performance with good ladder line.. I made my own here .. but the store bought stuff is pretty good too. I would recomend the 14 guage line though.. and get a ladder graber center insulator too.. it will last you for years.
73 dave

----- Original Message -----
From: Mark Hogan <mhogan@email.msn.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Sunday, October 17, 1999 2:40 PM
Subject: feedline

> Background
> Antenna is a 66' dipole up 33 feet fed with rg 58x and a W2AU balun. It was
> installed in 1988.
>
> So, during the last two AR-QRP nets that I was able to check in, I had

tuned

> the antenna and had a radical jump in swr during the net. During one net
> the rx went dead, I had to retune to a completely different setting for a
> match...

>

> so I finally realized my rg58 and w2au balun were causing my problems with
> my antenna, plus the fact that I use the same antenna for all bands, and
> I've been told for years I need to use balanced line to do this...

>

> I could not find any ladder line in town, so I used some 300 ohm "super
low

> loss tv twin lead cable" they were out of the 100 foot rolls of the cheap
> stuff, (darn).

>

> I've been able to achieve good swr on all bands and am just wondering what
> is a safe power level on this 20 ga feed line.

> If I can run 100 watts, (my max available) I can wait till summer to
> replace it with ladder line. If not I need to place an order soon as I
> occasionally use the 100 watts to ssb with my mom and dad in Jersey (both
> hams)

>

> Any ideas or opinions appreciated.

>

> BTW the rx is way up on all bands since I did this, 20 sounds great, I'm
> looking to hook up the NC-20 now.

>

> Mark Hogan / N50BC

> SST / 38s - Speed-X Bug NC-20 - Norcal Paddle

> Bet ya never heard a bug go so slow.....

>

>

>

>

>

>

Date: Sun, 17 Oct 1999 14:41:50 -0500

From: "Nick Kennedy" <nkennedy@cswnet.com>

To: <BenNW7DX@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [53397] Re: X-rays effecting radio gear?

Message-ID: <005a01bf18d7\$a9287760\$077154d8@the-great-c>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I work in a power plant where everything gets x-rayed. My lunch is nuked every day.

I used to worry about electronic stuff and floppy disks and so on. Both my stuff and parts/circuit boards being brought in for the power plant. All the checking I did and questions I asked turned up negative. No ill effects.

My HP-48 calculator gets X-rayed daily. It has ram memory and a clock and hasn't forgotten anything yet, after a couple years of being x-rayed.

72,

Nick, WA5BDU

-----Original Message-----

From: BenNW7DX@aol.com <BenNW7DX@aol.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Sunday, October 17, 1999 10:50 AM

Subject: X-rays effecting radio gear?

>Hello,

> I was fingering through an old QST and saw an article on a small
>transmitter. They showed the complete project after it was done and I
>noticed one of the labels said "DO NOT X-RAY" I know your equipment
>probably won't be x-rayed to much :) But lets say you were at an air port
>or

>something and you wanted to keep your radio gear with you in a backpack or
>other bag, On the plane with you and You have to have all your bags
x-rayed.

>Does this hurt anything inside the rig? I'm guessing it doesn't because I
>have seen laptop computers go through these machines, but I am kind of
>wondering because of the radio in this article.

>

>Thanks a lot,

>Ben

>NW7DX

>

Date: Sun, 17 Oct 1999 15:49:23 -0400

From: "Richard Brummer, K2REB" <obvious@bestweb.net>

To: <DONROHER@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [53398] Re: X-rays effecting radio gear?
Message-ID: <003701bf18d8\$b7e36980\$2b05b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>When flying with radio gear, tell the screener that you are a licensed
>amateur and your bag contains radio gear. This alerts them to what it might
>be....

Showing a copy of your license also helps, and goes a long way
It can sometimes save a lot of explanation.

73,
Dick K2REB

Date: Sun, 17 Oct 1999 14:47:18 -0500
From: "Nick Kennedy" <nkennedy@cswnet.com>
To: <andymeng@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [53399] Re: 2N2/40 0.2uF caps, SM caps
Message-ID: <005f01bf18d8\$6c787760\$077154d8@the-great-c>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I kinda wondered about the 0.2's myself. You usually see folks using 0.1's
these days for rf bypassing. Maybe Jim had a bunch of 0.2's.

Dan has a real good deal on --I think-- 0.24's. Seems like I got hundreds
of them for a couple dollars.

If it's just a bypass cap, you could probably get away with a 0.1 for a 0.2.
But I chickened out and ordered a lifetime supply of the 0.24's.

On the filter--seems like SM's are supposed to be higher Q. Maybe disks
would work, I dunno. Have to get a filter expert to answer that one.

I've pretty much finished my 2N2/40's receiver section this weekend, but now
I'm trying to get a TT-2 ready for the end-of-month stuff.

72,

Nick, WA5BDU

-----Original Message-----

From: Andy C Meng <andymeng@juno.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Saturday, October 16, 1999 11:04 AM
Subject: 2N2/40 0.2uF caps, SM caps

>Hi everyone,
> i started building the output section a 2N2/40. I have the pads
>installed for the finals and output filter. They are soldered to the
>board
>since I don't have any suitable glue. I am planning to put this in an
>Altoids
>box and use it as an outboard RF amp, and to get a feel for the
>"Manhattan"
>technique. I have some questions about some of the parts.
>
>Does anyone know why .2uF caps were used all over? did Jim have a whole
>bunch that needed to be used, or are they there for a better reason?
>
>In the output filter, Silver mica caps are used, as they are in several
>other
>designs. Why is this? Would NP0's work? (I don't have any Silver Mica's)
>
>Thanks for reading this.
>
>Andy
>
>
>Andy KC8KFI/AE Cincinnati, OH freshman at St. Xavier HS
>www.stxavier-cincy.org

Date: Sun, 17 Oct 1999 14:51:55 -0500
From: Addi Pittman <cornea@vsta.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [53400] Gettin new stuff
Message-ID: <380A28DA.7A21CA9C@vsta.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Im getting new QRP stuff, and I would like to sell my MFJ 9030. New condition. No scratches etc. Ive added one mod An adjustable pot to run QRPp. Please respond to my personal address, not the whole group. I want 120 for the rig.

Thanks, Bob K5EYE

Date: Sun, 17 Oct 1999 15:05:33 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <obvious@bestweb.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [53401] RE: X-rays effecting radio gear?
Message-ID: <000901bf18da\$f83938a0\$04987b7b@dooleydw>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I hate to be a negative person and mean no offence, but in my experience of traveling on a weekly basis for more years than I care to count, I find that such concepts as "licensed radio amateur" draws totally blank stares from the average airport security agent and carries no meaning for them good or bad. Heck, many don't even know what a printed circuit board is. I've had them look at them with a great deal of suspicion and fear. Remember, we're dealing with minimum wage labor.

Sorry

Dan WB5TKA

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> Richard Brummer, K2REB
> Sent: Sunday, October 17, 1999 2:49 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: X-rays effecting radio gear?
>
>
> >When flying with radio gear, tell the screener that you are a licensed
> >amateur and your bag contains radio gear. This alerts them to
> what it might
> >be....
>
> Showing a copy of your license also helps, and goes a long way
> It can sometimes save a lot of explanation.
>
> 73,

> Dick K2REB
>
>

Date: Sun, 17 Oct 1999 16:40:10 -0400
From: "Al Gritzmacher " <ae2t@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [53402] Re: cyanoacrylic glue
Message-ID: <199910172043.QAA09984@mx2.localnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Ok guys, let's put this baby to rest once and for all:

Here's the MSDS for this stuff:
<http://msds.pdc.cornell.edu/msds/msdsdod/a238/m118670.htm>

=====
The amazing thing about QRP is not how many contacts are made, but that they are made at all. Every QSO is a contradiction of conventional wisdom.

72,
Al Gritzmacher, AE2T
QRP-L #1664 QRP-ARCI #9837 K2 #274
ae2t@arrl.net
<http://members.localnet.com/~ae2t/>
QRP - If you don't try, you'll never know!

Date: Sun, 17 Oct 1999 16:52:19 -0400
From: "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etcasa.cu>
To: "qrp-L" <qrp-l@LeHigh.edu>
Subject: [53403] RE: More about low cost simple rigs
Message-ID: <009301bf18e1\$81d21400\$04000a0a@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Simple rigs like Tuna Tin, OX0 , etc. do work OK
in the hands of experienced amateurs.
But... my personal experience is that if you want

someone to start in QRPland... then it is better to use the "maximum legal QRP power of 5 watts CW... or even maybe a bit more... as there is always time to acquire the skills and start reducing power as the challenge becomes more clear !!!

I have just finished a 500 mW rig that works all by itself, and was designed in such a way that it feeds a 5 to 7 W class C amplifier which is another separate module.

As always, modular construction is a nice way to go when experimenting...

So here is my .02 cents worth... if you are trying to bring in more hams into the QRPland... you can provide the little 5 watt on loan, and let her or him find out how nice it is to use low power amateur radio communications

Arnie

C02KK

Arnie Coro C02KK

Host of Dxers Unlimited

Radio Habana Cuba

e-mail:arnie@radiohc.org

e-mail:inforhc@mail.infocom.etcscsa.cu

Postal address:

Prof. Arnaldo Coro Antich

La Torre no.127 entre 35 y 37

Nuevo Vedado, Plaza

Ciudad Habana , 10600

CUBA

Date: Sun, 17 Oct 1999 17:31:37 EDT

From: charles k brown <n4so@juno.com>

To: qrp-l@lehigh.edu

Subject: [53404] Ladder Grabber

Message-ID: <19991017.212919.7607.4.n4so@juno.com>

EMTECH

Source for Ladder Grabber

Monoband CW Transceivers

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360-405-6805
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<http://emtech.steadynet.com>
Has a forum for questions and kit problems.

Ken Brown N4SO
Mobile, AL/EM50tk
NorCal-20/5 watts/4 ele. beam

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Date: Sun, 17 Oct 1999 17:38:20 EDT
From: K2UD@aol.com
To: qrp-1@lehigh.edu
Subject: [53405] Need Heathkit Transistors Crossed
Message-ID: <0.6b5bca3b.253b9bcc@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

There are 2 Heathkit numbers I am looking to find an equivalent for. They are:

417-140 This is an FET
417-109 (or C417-109) A bipolar

Anybody have one of these or a cross for them? My power supply thanks you.

72 all

Howard Kraus, K2UD

Date: Sun, 17 Oct 1999 17:58:31 EDT
From: BenNW7DX@aol.com

To: qrp-1@lehigh.edu
Subject: [53406] X-rays - THANKS!!!! - comments
Message-ID: <0.869b4bdd.253ba087@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Wow!

I guess you guys have answered my question about x-rays. Here's what I have gathered from your responses:

- the x-rays most likely won't do any damage to the radio equipment
- I can carry my gear on the plane with me
- I should always have a battery and/or screw driver handy, just in case they want to see the radio in action. Uh Oh, what if there's nothing to see? Would that mean I would have to string out the antenna for them to be able to hear that the radio is working? :)
- Keep a copy of your license handy... You know..... When they give you a blank stare when you tell them (in a strong deep voice) that you are a Licensed Amateur Radio Operator :)

Keep the comments coming... This is why I love this list!!!

73/72,
Ben
NW7DX

Date: Sun, 17 Oct 1999 18:11:56 -0400 (EDT)
From: James Skalski <jskalski@localnet.com>
To: qrp-1@Lehigh.EDU
Subject: [53407] Transistor Beta?
Message-ID:
<Pine.LNX.4.04.9910171809350.9337-100000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have to order new finals for a Yaesu FT-1000. RF Parts has Matched pairs of finals in high and low Beta. Which is appropriate? I left a voice mail with Yaesu tech support but have not received a response. I have had this unit apart on my bench for too long and I need the room to work on more interesting stuff.

73,

Jim n2go

Date: Sun, 17 Oct 1999 18:54:28 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [53408] Re: X-rays - THANKS!!!! - comments
Message-ID: <380A53A4.A5D6B244@rit.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

BenNW7DX@aol.com wrote:

> - the x-rays most likely won't do any damage to the radio equipment
> - I can carry my gear on the plane with me
> - I should always have a battery and/or screw driver handy, just in case
> they want to see the radio in action. Uh Oh, what if there's nothing to see?

Ben,

Usually, hearing audio from the speaker is sufficient. Just hope you
don't stumble onto a freq where a couple of terrorists are plotting
their next move...

> Would that mean I would have to string out the antenna for them to be able
> to hear that the radio is working? :)

Your screwdriver tip, pressed against the antenna connector center pin,
will probably pick up plenty of noise. This is an airport we're talking
about - "Intermod Alley".

Actually, though, your screwdriver may draw more adverse attention than
your radio. I saw a guy get (almost) dragged off from the security
checkpoint because he had a bag of lockpicks. He claimed he was a
locksmith, but couldn't produce a business card to that effect.

> - Keep a copy of your license handy... You know..... When they give
> you a blank stare when you tell them (in a strong deep voice) that you are a
> Licensed Amateur Radio Operator :)

Not a bad idea if you're taking your radio anywhere to begin with.

Dave

--

Dave Hinerman WD8CIV
Ontario, NY Grid FN13if
dlh1009@rit.edu

End of QRP-L Digest 1611
